

WHAT IS CLAIMED IS:

1 1. A method for transforming files from a source file format to a destination
2 file format, comprising:

3 generating a data structure in a computer readable medium indicating available
4 transforms from a plurality of source file formats to at least one destination file format;

5 generating a graphical representation of available transforms from the source file
6 formats to the at least one destination file format based on the available transforms
7 indicated in the data structure;

8 receiving user input indicating a selected source file having a source file format
9 and a selected destination file having a selected destination file format, wherein the data
10 structure indicates one available transform to transform the selected source file format to
11 the selected destination file format; and

12 transforming the selected source file in the source file format to the selected
13 destination file in the destination file format.

1 2. The method of claim 1, further comprising:

2 receiving a new transform to add to the data structure, wherein the new transform
3 is capable of transforming at least one source file format to at least one destination file
4 format; and

5 updating the data structure to indicate as available the new transform.

1 3. The method of claim 2, further comprising:

2 determining, before updating the data structure, whether the data structure
3 indicates one available transform to perform a transformation of one source file format to
4 one destination file format that is also capable of being performed by the new
5 transformation; and

6 requesting user input selecting one of the determined available transform or the
7 new transform to use to transform the source file format to the destination file format if

8 both the available transform and new transform are capable of performing the
9 transformation.

1 4. The method of claim 1, wherein generating the graphical representation
2 further comprises:

3 generating graphical representations of each file format indicated as one source or
4 destination file format in the data structure; and

5 generating a graphical association for each source file format and destination file
6 format pair for which there is one available transform indicated in the data structure.

1 5. The method of claim 4, further comprising:

2 displaying entry fields in which the user input indicating the source file and
3 destination file are entered.

1 6. The method of claim 5, further comprising:

2 enabling access to a file navigator for selection of the source and destination files
3 in the displayed entry fields;

4 displaying, with the file navigator, only files in the selected source file format
5 when the file navigator is invoked to select the source file; and

6 displaying, with the file navigator, only files in the selected destination file format
7 when the file navigator is invoked to select the destination file.

1 7. The method of claim 4, wherein generating the graphical association for
2 each source file format and destination file format further comprises:

3 generating a line to display between the graphical representations of the source
4 file format and destination file format to indicate the availability of one transform to
5 transform the source file format to the destination file format.

1 8. The method of claim 7, wherein generating each line further comprises
2 generating at least one arrow on the line indicating a direction of the transformation from
3 the source file format to the destination file format.

1 9. The method of claim 8, wherein generating each line further comprises
2 generating two arrows on the line to indicate at least one available transform to transform
3 the source file format to the destination file format and transform the destination file
4 format to the source file format if there is at least one available transform to perform the
5 transformations between the source file format and the destination file format.

1 10. The method of claim 8, wherein the graphical representations are
2 generated to be displayed in a circular arrangement.

1 11. The method of claim 1, further comprising:
2 generating a graphical representation of a transformation operation to be displayed
3 between a graphical representation of the selected source file format and a graphical
4 representation of the selected destination file format.

1 12. The method of claim 11, wherein the generated graphical representation of
2 the transformation operation comprises an arrow displayed from the graphical
3 representation of the selected source file format to the graphical representation of the
4 selected destination file format.

1 13. The method of claim 11, further comprising:
2 generating a progress bar to display with the graphical representation of the
3 transformation operation indicating an approximate percent completion of the
4 transformation operation of the selected source file to the selected destination file.

1 14. The method of claim 1, wherein the data structure further indicates at least
2 one program to perform the available transforms from the plurality of source file formats
3 to the at least one destination file format, and wherein transforming the selected source
4 file further comprises:

5 calling the program indicated in the data structure to transform the selected source
6 file in the source file format to the selected destination file in the destination file format.

1 15. The method of claim 1, further comprising:
2 determining whether the data structure indicates at least one available transform
3 for the selected source file format; and
4 generating indication that there is no available transform for the selected source
5 file format if the data structure does not indicate at least one available file transform for
6 the selected source file format.

1 16. The method of claim 15, further comprising:
2 determining whether the data structure indicates at least one available transform to
3 transform the selected source file format to the selected destination file format; and
4 generating indication that there is no available transform for the selected
5 destination file format if the data structure does not indicate at least one available
6 transform for the selected source file format to the selected destination file format.

1 17. The method of claim 1, further comprising:
2 receiving user selection of attributes for the transform from the selected source
3 file to the selected destination file, wherein the user selected attributes are used to control
4 the step of transforming the selected source file to the selected destination file.

1 18. A system for transforming files from a source file format to a destination
2 file format, comprising:
3

4 a display monitor;
5 a computer readable medium;
6 means for generating a data structure in the computer readable medium indicating
7 available transforms from a plurality of source file formats to at least one destination file
8 format;
9 means for generating on the display monitor a graphical representation of
10 available transforms from the source file formats to the at least one destination file format
11 based on the available transforms indicated in the data structure;
12 means for receiving user input indicating a selected source file having a source
13 file format and a selected destination file having a selected destination file format,
14 wherein the data structure indicates one available transform to transform the selected
15 source file format to the selected destination file format; and
16 means for transforming the selected source file in the source file format to the
17 selected destination file in the destination file format.

1 19. The system of claim 18, further comprising:
2 means for receiving a new transform to add to the data structure, wherein the new
3 transform is capable of transforming at least one source file format to at least one
4 destination file format; and
5 means for updating the data structure to indicate as available the new transform.

1 20. The system of claim 19, further comprising:
2 means for determining, before updating the data structure, whether the data
3 structure indicates one available transform to perform a transformation of one source file
4 format to one destination file format that is also capable of being performed by the new
5 transformation; and
6 means for requesting user input selecting one of the determined available
7 transform or the new transform to use to transform the source file format to the

8 destination file format if both the available transform and new transform are capable of
9 performing the transformation.

1 21. The system of claim 18, wherein the means for generating the graphical
2 representation further performs:

3 generating graphical representations of each file format indicated as one source or
4 destination file format in the data structure; and

5 generating a graphical association for each source file format and destination file
6 format pair for which there is one available transform indicated in the data structure.

1 22. The system of claim 21, further comprising:

2 means for displaying on the display monitor entry fields in which the user input
3 indicating the source file and destination file are entered.

1 23. The system of claim 22, further comprising:

2 means for enabling access to a file navigator for selection of the source and
3 destination files in the displayed entry fields;

4 means for displaying on the display monitor, with the file navigator, only files in
5 the selected source file format when the file navigator is invoked to select the source file;
6 and

7 means for displaying on the display monitor, with the file navigator, only files in
8 the selected destination file format when the file navigator is invoked to select the
9 destination file.

1 24. The system of claim 21, wherein the means for generating the graphical
2 association for each source file format and destination file format pair further performs:

3 generating on the display monitor a line between the graphical representations of
4 the source file format and destination file format to indicate the availability of one
5 transform to transform the source file format to the destination file format.

1 25. The system of claim 24, wherein the means for generating each line further
2 generates at least one arrow on the line indicating a direction of the transformation from
3 the source file format to the destination file format.

1 26. The system of claim 25, wherein the means for generating each line further
2 generates two arrows on the line to indicate at least one available transform to transform
3 the source file format to the destination file format and transform the destination file
4 format to the source file format if there is at least one available transform to perform the
5 transformations between the source file format and the destination file format.

1 27. The system of claim 25, wherein the graphical representations are
2 generated to be displayed in a circular arrangement.

1 28. The system of claim 18, further comprising:
2 means for generating a graphical representation of a transformation operation to
3 be displayed between a graphical representation of the selected source file format and a
4 graphical representation of the selected destination file format.

1 29. The system of claim 28, wherein the generated graphical representation of
2 the transformation operation comprises an arrow displayed from the graphical
3 representation of the selected source file format to the graphical representation of the
4 selected destination file format.

1 30. The system of claim 28, further comprising:
2 means for generating a progress bar to display with the graphical representation of
3 the transformation operation indicating an approximate percent completion of the
4 transformation operation of the selected source file to the selected destination file.

1 31. The system of claim 18, wherein the data structure further indicates at least
2 one program to perform the available transforms from the plurality of source file formats
3 to the at least one destination file format, and wherein the means for transforming the
4 selected source file further performs:

5 calling the program indicated in the data structure to transform the selected source
6 file in the source file format to the selected destination file in the destination file format.

1 32. The system of claim 18, further comprising:

2 means for determining whether the data structure indicates at least one available
3 transform for the selected source file format; and
4 means for generating indication that there is no available transform for the
5 selected source file format if the data structure does not indicate at least one available file
6 transform for the selected source file format.

1 33. The system of claim 32, further comprising:

2 means for determining whether the data structure indicates at least one available
3 transform to transform the selected source file format to the selected destination file
4 format; and
5 means for generating an alert indicating that there is no available transform for the
6 selected destination file format if the data structure does not indicate at least one available
7 transform for the selected source file format to the selected destination file format.

1 34. The system of claim 18, further comprising:

2 means for receiving user selection of attributes for the transform from the selected
3 source file to the selected destination file, wherein the user selected attributes are used to
4 control the step of transforming the selected source file to the selected destination file.

1 35. An article of manufacture including code for transforming files from a
2 source file format to a destination file format by:
3 generating a data structure in a computer readable medium indicating available
4 transforms from a plurality of source file formats to at least one destination file format;
5 generating a graphical representation of available transforms from the source file
6 formats to the at least one destination file format based on the available transforms
7 indicated in the data structure;
8 receiving user input indicating a selected source file having a source file format
9 and a selected destination file having a selected destination file format, wherein the data
10 structure indicates one available transform to transform the selected source file format to
11 the selected destination file format; and
12 transforming the selected source file in the source file format to the selected
13 destination file in the destination file format.

1 36. The article of manufacture of claim 35, further comprising:
2 receiving a new transform to add to the data structure, wherein the new transform
3 is capable of transforming at least one source file format to at least one destination file
4 format; and
5 updating the data structure to indicate as available the new transform.

1 37. The article of manufacture of claim 36, further comprising:
2 determining, before updating the data structure, whether the data structure
3 indicates one available transform to perform a transformation of one source file format to
4 one destination file format that is also capable of being performed by the new
5 transformation; and
6 requesting user input selecting one of the determined available transform or the
7 new transform to use to transform the source file format to the destination file format if
8 both the available transform and new transform are capable of performing the
9 transformation.

1 38. The article of manufacture of claim 35, wherein generating the graphical
2 representation further comprises:

3 generating graphical representations of each file format indicated as one source or
4 destination file format in the data structure; and

5 generating a graphical association for each source file format and destination file
6 format pair for which there is one available transform indicated in the data structure.

1 39. The article of manufacture of claim 38, further comprising:

2 displaying entry fields in which the user input indicating the source file and
3 destination file are entered.

1 40. The article of manufacture of claim 39, further comprising:

2 enabling access to a file navigator for selection of the source and destination files
3 in the displayed entry fields;

4 displaying, with the file navigator, only files in the selected source file format
5 when the file navigator is invoked to select the source file; and

6 displaying, with the file navigator, only files in the selected destination file format
7 when the file navigator is invoked to select the destination file.

1 41. The article of manufacture of claim 38, wherein generating the graphical
2 association for each source file format and destination file format pair further comprises:

3 generating a line to display between the graphical representations of the source
4 file format and destination file format to indicate the availability of one transform to
5 transform the source file format to the destination file format.

1 42. The article of manufacture of claim 41, wherein generating each line
2 further comprises generating at least one arrow on the line indicating a direction of the
3 transformation from the source file format to the destination file format.

1 43. The article of manufacture of claim 42, wherein generating each line
2 further comprises generating two arrows on the line to indicate at least one available
3 transform to transform the source file format to the destination file format and transform
4 the destination file format to the source file format if there is at least one available
5 transform to perform the transformations between the source file format and the
6 destination file format.

1 44. The article of manufacture of claim 42, wherein the graphical
2 representations are generated to be displayed in a circular arrangement.

1 45. The article of manufacture of claim 35, further comprising:
2 generating a graphical representation of a transformation operation to be displayed
3 between a graphical representation of the selected source file format and a graphical
4 representation of the selected destination file format.

1 46. The article of manufacture of claim 45, wherein the generated graphical
2 representation of the transformation operation comprises an arrow displayed from the
3 graphical representation of the selected source file format to the graphical representation
4 of the selected destination file format.

1 47. The article of manufacture of claim 45, further comprising:
2 generating a progress bar to display with the graphical representation of the
3 transformation operation indicating an approximate percent completion of the
4 transformation operation of the selected source file to the selected destination file.

1 48. The article of manufacture of claim 35, wherein the data structure further
2 indicates at least one program to perform the available transforms from the plurality of
3 source file formats to the at least one destination file format, and wherein transforming
4 the selected source file further comprises:

5 calling the program indicated in the data structure to transform the selected source
6 file in the source file format to the selected destination file in the destination file format.

1 49. The article of manufacture of claim 35, further comprising:
2 determining whether the data structure indicates at least one available transform
3 for the selected source file format; and
4 generating an alert indicating that there is no available transform for the selected
5 source file format if the data structure does not indicate at least one available file
6 transform for the selected source file format.

1 50. The article of manufacture of claim 49, further comprising:
2 determining whether the data structure indicates at least one available transform to
3 transform the selected source file format to the selected destination file format; and
4 generating an alert indicating that there is no available transform for the selected
5 destination file format if the data structure does not indicate at least one available
6 transform for the selected source file format to the selected destination file format.

1 51. The article of manufacture of claim 35, further comprising:
2 receiving user selection of attributes for the transform from the selected source
3 file to the selected destination file, wherein the user selected attributes are used to control
4 the step of transforming the selected source file to the selected destination file.